

GenCore version 4.5  
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OM protein - protein search, using sw model

Run on: March 1, 2001, 16:10:08 ; Search time 27.76 Seconds  
(Without alignments)  
35.578 Million cell updates/sec

Title: US-09-331-631a-25\_COPY\_31\_85

Perfect score: 315  
Sequence: 1 ENPKHNKCLQSCNSERDSYR.....EECEEGETIPRPRPOHDER 55

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
1: /cgn2\_6/ptodata2/1aa/5a\_COMB.pep:\*  
2: /cgn2\_6/ptodata2/1aa/5b\_COMB.pep:\*  
3: /cgn2\_6/ptodata2/1aa/6\_COMB.pep:\*  
4: /cgn2\_6/ptodata2/1aa/PCTUS\_COMB.pep:\*  
5: /cgn2\_6/ptodata2/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	315	100.0	605	1 US-07-955-905A-24	Sequence 24, Appl
2	67	21.3	78	2 US-08-465-380-53	Sequence 53, Appl
3	67	21.3	78	2 US-08-486-397-53	Sequence 53, Appl
4	67	21.3	78	2 US-08-486-399-53	Sequence 53, Appl
5	67	21.3	78	2 US-08-461-965-53	Sequence 53, Appl
6	67	21.3	78	2 US-08-634-641-53	Sequence 53, Appl
7	67	21.3	78	3 US-09-249-471-53	Sequence 53, Appl
8	67	21.3	78	3 US-09-249-472-53	Sequence 53, Appl
9	67	21.3	78	3 US-09-249-451-53	Sequence 53, Appl
10	67	21.3	78	3 US-08-809-455-53	Sequence 53, Appl
11	67	21.3	78	3 US-09-249-461-53	Sequence 53, Appl
12	67	21.3	78	3 US-09-249-448-53	Sequence 53, Appl
13	67	21.3	162	2 US-08-465-380-53	Sequence 63, Appl
14	67	21.3	162	2 US-08-486-397-53	Sequence 63, Appl
15	67	21.3	162	2 US-08-486-399-53	Sequence 63, Appl
16	67	21.3	162	2 US-08-461-965-53	Sequence 63, Appl
17	67	21.3	162	2 US-08-634-641-53	Sequence 63, Appl
18	67	21.3	162	2 US-09-249-471-53	Sequence 63, Appl
19	67	21.3	162	3 US-09-249-472-53	Sequence 63, Appl
20	67	21.3	162	3 US-09-249-451-53	Sequence 63, Appl
21	67	21.3	162	3 US-08-809-455-53	Sequence 63, Appl
22	67	21.3	162	3 US-09-249-461-53	Sequence 63, Appl
23	67	21.3	162	3 US-09-249-448-53	Sequence 63, Appl
24	64	20.3	78	2 US-08-465-380-54	Sequence 54, Appl
25	64	20.3	78	2 US-08-486-397-54	Sequence 54, Appl
26	64	20.3	78	2 US-08-486-399-54	Sequence 54, Appl
27	64	20.3	78	2 US-08-461-965-54	Sequence 54, Appl
28	64	20.3	78	2 US-08-634-641-54	Sequence 54, Appl

29	64	20.3	78	3 US-09-249-471-54	Sequence 54, Appl
30	64	20.3	78	3 US-09-249-472-54	Sequence 54, Appl
31	64	20.3	78	3 US-09-249-451-54	Sequence 54, Appl
32	64	20.3	78	3 US-08-809-455-54	Sequence 54, Appl
33	64	20.3	78	3 US-09-249-461-54	Sequence 54, Appl
34	64	20.3	78	3 US-09-249-448-54	Sequence 54, Appl
35	64	20.3	162	2 US-08-465-380-64	Sequence 64, Appl
36	64	20.3	162	2 US-08-486-397-64	Sequence 64, Appl
37	64	20.3	162	2 US-08-486-399-64	Sequence 64, Appl
38	64	20.3	162	2 US-08-461-965-64	Sequence 64, Appl
39	64	20.3	162	2 US-08-634-641-64	Sequence 64, Appl
40	64	20.3	162	3 US-09-249-471-64	Sequence 64, Appl
41	64	20.3	162	3 US-09-249-472-64	Sequence 64, Appl
42	64	20.3	162	3 US-09-249-451-64	Sequence 64, Appl
43	64	20.3	162	3 US-08-809-455-64	Sequence 64, Appl
44	64	20.3	162	3 US-09-249-461-64	Sequence 64, Appl
45	64	20.3	162	3 US-09-249-448-64	Sequence 64, Appl

## ALIGNMENTS

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RESULT 1
US-07-955-905A-24
; Sequence 24, Application US/07955905A
; Patent No. 5770433
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND
; NUMBER OF INVENTION: PRECURSOR
; NUMBER OF SEQUENCES: 28
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/955,905A
; FILING DATE: 21-JAN-1993
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 605 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..605
; OTHER INFORMATION: /note= "Vicilin from G. max"
US-07-955-905A-24

Query Match 100.0%; Score 315; DB 1; Length 605;
Best local Similarity 100.0%; Pred. No. 2.8e-28;
Matches 55; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 ENPKHNKCLQSCNSERDSYRNQACHARNLLKVEKECEGETIPRPRPOHDER 55
DB 31 ENPKHNKCLQSCNSERDSYRNQACHARNLLKVEKECEGETIPRPRPOHDER 85

RESULT 2
US-08-465-380-53
; Sequence 53, Application US/08465380
; Patent No. 5863894
; GENERAL INFORMATION:
; APPLICANT: George P. Vlasuk, Patric H. Staussens,
; APPLICANT: Joris H.L. Menssens, Marc J. Lauwereys,
; APPLICANT: Yves R. Laroche, Laurent S. Jespers,
; APPLICANT: Yannick G.J. Ganssemans, Matthew Moyle,
```

APPLICANT: Peter W. Bergum  
TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT  
TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 356  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,380  
FILING DATE: June 5, 1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/326,110  
FILING DATE: October 18, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: BIGGS, SUZANNE L.  
REGISTRATION NUMBER: 30,158  
REFERENCE/DOCKET NUMBER: 213/268  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 78 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
ORIGINAL SOURCE:  
ORGANISM: Ancylostoma caninum  
US-08-465-380-53

Query Match 21.3%; Score 67; DB 2; Length 78;  
Best Local Similarity 29.7%; Pred. No. 0.41;  
Matches 19; Conservative 9; Mismatches 20; Indels 16; Gaps 3;

QY 5 HMKCLOSCNSERDSTYRNQACHAR-----CN-LLK-----VKECCEGEIIRPP 48  
DB 15 YKOCERCKNKESEKDEACLSRACGTGACVCDGLYRDGFCNCVBKDCNDMEITTFPP 74

QY 49 RPOH 52  
DB 75 ETKH 78

RESULT 3  
US-08-486-397-53  
Sequence 53, Application US/08486397  
Patent No. 5865542

GENERAL INFORMATION:  
APPLICANT: George P. Vlasuk, Patric H. Stanssens,  
APPLICANT: Joris H. L. Mensens, Marc J. Lauwereys,  
APPLICANT: Yves R. Laroche, Laurent S. Jespers,  
APPLICANT: Yannick G.J. Ganssemans, Matthew Moyle,  
APPLICANT: Peter W. Bergum  
TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT  
TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 357  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street

STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,397  
FILING DATE: June 5, 1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/326,110  
FILING DATE: October 18, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: BIGGS, SUZANNE L.  
REGISTRATION NUMBER: 30,158  
REFERENCE/DOCKET NUMBER: 213/269  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 78 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
ORIGINAL SOURCE:  
ORGANISM: Ancylostoma caninum  
US-08-486-397-53

Query Match 21.3%; Score 67; DB 2; Length 78;  
Best Local Similarity 29.7%; Pred. No. 0.41;  
Matches 19; Conservative 9; Mismatches 20; Indels 16; Gaps 3;

QY 5 HMKCLOSCNSERDSTYRNQACHAR-----CN-LLK-----VKECCEGEIIRPP 48  
DB 15 YKOCERCKNKESEKDEACLSRACGTGACVCDGLYRDGFCNCVBKDCNDMEITTFPP 74

QY 49 RPOH 52  
DB 75 ETKH 78

RESULT 4  
US-08-486-399-53  
Sequence 53, Application US/08486399  
Patent No. 5865543

GENERAL INFORMATION:  
APPLICANT: George P. Vlasuk, Patric H. Stanssens,  
APPLICANT: Joris H. L. Mensens, Marc J. Lauwereys,  
APPLICANT: Yves R. Laroche, Laurent S. Jespers,  
APPLICANT: Yannick G.J. Ganssemans, Matthew Moyle,  
APPLICANT: Peter W. Bergum  
TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT  
TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 356  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486.399  
FILING DATE: June 5, 1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/326.110  
FILING DATE: October 18, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: BIGGS, SUZANNE L.  
REGISTRATION NUMBER: 30,158  
REFERENCE/DOCKET NUMBER: 213/270  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 78 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
ORIGINAL SOURCE:  
ORGANISM: Ancylostoma caninum  
US-08-486-399-53

Query Match 21.3%; Score 67; DB 2; Length 78;  
Best Local Similarity 29.7%; Pred. No. 0.41;  
Matches 19; Conservative 9; Mismatches 20; Indels 16; Gaps 3;

QY 5 HNKCLSCNSRDSRYRNACHAR-----CN--LLK-----VEKECEGEIPIRRP 48  
DB 15 YKOCRRKCNKELSRDEBACLSRACTGRACVNCGLYRDFGNCVERDECDMEIITFP 74  
QY 49 RPOH 52  
DB 75 ETKH 78

RESULT 5  
US-08-461-965-53  
Sequence 53, Application US/08461965  
Patent No. 5872098  
GENERAL INFORMATION:  
APPLICANT: George P. Vlasuk, Patric H. Stanssens,  
APPLICANT: Joris H.L. Mensens, Marc J. Lauwereys,  
APPLICANT: Yves R. Laroche, Laurent S. Jespers,  
APPLICANT: Yannick G.J. Ganssemans, Matthew Moyle,  
APPLICANT: Peter W. Bergum  
TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT  
TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 356  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461.965  
FILING DATE: June 5, 1995

CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/326.110  
FILING DATE: October 18, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: BIGGS, SUZANNE L.  
REGISTRATION NUMBER: 30,158  
REFERENCE/DOCKET NUMBER: 210/243  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 78 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
ORIGINAL SOURCE:  
ORGANISM: Ancylostoma caninum  
US-08-461-965-53

Query Match 21.3%; Score 67; DB 2; Length 78;  
Best Local Similarity 29.7%; Pred. No. 0.41;  
Matches 19; Conservative 9; Mismatches 20; Indels 16; Gaps 3;

QY 5 HNKCLSCNSRDSRYRNACHAR-----CN--LLK-----VEKECEGEIPIRRP 48  
DB 15 YKOCRRKCNKELSRDEBACLSRACTGRACVNCGLYRDFGNCVERDECDMEIITFP 74  
QY 49 RPOH 52  
DB 75 ETKH 78

RESULT 6  
US-08-634-641-53  
Sequence 53, Application US/08634641  
Patent No. 5955294  
GENERAL INFORMATION:  
APPLICANT: Vlasuk, George P. Vlasuk  
APPLICANT: Stanssens, Patrick Eric Hugo  
APPLICANT: Mensens, Joris Hilda Llieven  
APPLICANT: Lauwereys, Marc Josef  
APPLICANT: Laroche, Yves Rene  
APPLICANT: Jespers, Laurent Stephane  
APPLICANT: Ganssemans, Yannick Georges Jozef  
APPLICANT: Moyle, Matthew  
APPLICANT: Bergum, Peter W.  
TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT  
TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 356  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/634.641  
FILING DATE: April 19, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/13231  
FILING DATE: October 17, 1995



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CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM Compatible
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/249.472
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/809,455
FILING DATE: April 17, 1997
APPLICATION NUMBER: PCT/US95/13231
FILING DATE: October 17, 1995
APPLICATION NUMBER: 08/486,399
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/486,397
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/465,380
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/461,965
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/326,110
FILING DATE: October 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 216/270
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO.: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Acyclostoma caninum
US-09-249-472-53

Query Match          21.3%; Score 67; DB: 3; Length 78;
Best Local Similarity 29.7%; Pred. No. 0.41;
Matches   19; Conservative    9; Mismatches   20; Indels   16; Gaps      3.

QY       5 HNKCSGNSRSDSYRNACCHAR-----CN--LLK-----VEKECEGEETPRPP 48
        :|::||:||:|||||||:|:|:|:|:|:|:|:|:|:|:|:|:|}
Db       15 YKGCKRKNNKLSEKDDECLSRACGRACYCNDGLYRDDPNCVYEKKDECMELITPPP 74
QY       49 RPQH 52
        :|
Db       75 ETKH 78

RESULT           9
US-09-249-51-53
Sequence 53, Application US/09249451
Patent No. 6087487
GENERAL INFORMATION:
APPLICANT: Vlasuk, George Phillip
APPLICANT: Stenssens, Patrick Eric Hugo
APPLICANT: Messens, Joris Hilda Lieven
APPLICANT: Lauwereys, Marc Josef
APPLICANT: Laroche, Yves Rene
APPLICANT: Jespers, Laurent Stephane
APPLICANT: Gansemans, Yannick Georges Jozeef
APPLICANT: Moyle, Matthew
```

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1  APPLICANT: Bergum, Peter W.
2  TITLE OF INVENTION: NEMATODE-EXTRACTED SERINE PROTEASE
3  TITLE OF INVENTION: INHIBITORS AND ANTICOAGULANT
4  TITLE OF INVENTION: PROTEIN
5  NUMBER OF SEQUENCES: 356
6  CORRESPONDENCE ADDRESS:
7  ADDRESSEE: Lyon & Lyon
8  STREET: 633 West Fifth Street
9  STREET: Suite 4700
10 CITY: Los Angeles
11 STATE: California
12 COUNTRY: U.S.A.
13 ZIP: 90071
14
15 COMPUTER READABLE FORM:
16 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
17 MEDIUM TYPE: storage
18 COMPUTER: IBM Compatible
19 OPERATING SYSTEM: IBM P.C. DOS 5.0
20 SOFTWARE: Word Perfect 5.1
21 CURRENT APPLICATION DATA:
22 APPLICATION NUMBER: US/09/249,451
23 FILING DATE:
24
25 PRIOR APPLICATION DATA:
26 APPLICATION NUMBER: 08/809,455
27 FILING DATE: April 17, 1997
28
29 APPLICATION NUMBER: PCT/US95/13231
30 FILING DATE: October 17, 1995
31 APPLICATION NUMBER: 08/486,399
32 FILING DATE: June 5, 1995
33 APPLICATION NUMBER: 08/486,397
34 FILING DATE: June 5, 1995
35 APPLICATION NUMBER: 08/465,380
36 FILING DATE: June 5, 1995
37 APPLICATION NUMBER: 08/461,965
38 FILING DATE: June 5, 1995
39 APPLICATION NUMBER: 08/326,110
40 FILING DATE: October 18, 1994
41 ATTORNEY/AGENT INFORMATION:
42 NAME: BIGGS, SUZANNE L.
43 REGISTRATION NUMBER: 30,158
44 REFERENCE/DOCKET NUMBER: 216/270
45 TELECOMMUNICATION INFORMATION:
46 TELEPHONE: (213) 489-1600
47 TELEFAX: (213) 955-0440
48
49 TELEX: 67-3510
50 INFORMATION FOR SEQ ID NO: 53:
51 SEQUENCE CHARACTERISTICS:
52 LENGTH: 78 amino acids
53 TYPE: amino acid
54 TOPOLOGY: linear
55 MOLECULE TYPE: peptide
56 ORIGINAL SOURCE:
57 ORGANISM: Ancylostoma caninum
58 US-09-249-451-53
59
60 Query Match 21.3%; Score 67; DB 3; Length 78;
61 Best Local Similarity 29.7%; Pred. No. 0.41;
62 Matches 19; Conservative 9; Mismatches 20; Indels 16; Gaps 3;
63
64 Oy 5 HNKLCQSNSESDSRNQCCHAR-----CN--LLK-----VEKECEGEGEIPRRP 48
65 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
66 Db 15 KYOCERKNKELSEKDEFACTSRACCTGRACVNDGLYRDDFGVCVEKDECNDEMTITPP 74
67 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
68 Oy 49 RPOH 52
69 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
70 Db 75 ETKH 78
71 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
72
73 RESULT 10
74 US-08-809-455-53
75 Sequence 53, Application US/08809455
76 Patent No. 6090916

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Query Match 21.3%; Score 67; DB 2; length 162;  
Best Local Similarity 29.7%; Pred. No. 0.88;  
Matches 19; Conservative 9; Mismatches 20; Indels 16; Gaps 3;

QY 5 HNKCLSCNSERSYRNQACHAR-----CN--LLK-----VKECECEGEIIPRPP 48

DB 99 YKOCERKCNKELSEKDEACLSRACVCGNDGLYRDDFGNCVKEKDECDNMEIITPP 158

QY 49 RPOH 52

DB 159 ETKH 162

RESULT 14

US-08-486-397-63  
; Sequence 63, Application US/08486397

; Patent No. 5866542

; GENERAL INFORMATION:

; APPLICANT: George P. Vlasuk, Patric H. Staussens,

; APPLICANT: Joris H.L. Mensens, Marc J. Lauwereys,

; APPLICANT: Yves R. Laroche, Laurent S. Jespers,

; APPLICANT: Yannick G.J. Ganssemans, Matthew Moyle,

; APPLICANT: Peter W. Bergum

; TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT

; NUMBER OF SEQUENCES: 357

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/486,397

; FILING DATE: June 5, 1995

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/326,110

; FILING DATE: October 18, 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: BIGGS, SUZANNE L.

; REGISTRATION NUMBER: 30,158

; REFERENCE/DOCKET NUMBER: 213/269

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 63:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 162 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; ORIGINAL SOURCE:

; ORGANISM: Ancylostoma caninum

US-08-486-397-63

Query Match 21.3%; Score 67; DB 2; length 162;

Best Local Similarity 29.7%; Pred. No. 0.88;

Matches 19; Conservative 9; Mismatches 20; Indels 16; Gaps 3;

QY 5 HNKCLSCNSERSYRNQACHAR-----CN--LLK-----VKECECEGEIIPRPP 48

DB 99 YKOCERKCNKELSEKDEACLSRACVCGNDGLYRDDFGNCVKEKDECDNMEIITPP 158

QY 49 RPOH 52

DB 159 ETKH 162

RESULT 15

US-08-486-399-63  
; Sequence 63, Application US/08486399

; Patent No. 5866543

; GENERAL INFORMATION:

; APPLICANT: George P. Vlasuk, Patric H. Staussens,

; APPLICANT: Joris H.L. Mensens, Marc J. Lauwereys,

; APPLICANT: Yves R. Laroche, Laurent S. Jespers,

; APPLICANT: Yannick G.J. Ganssemans, Matthew Moyle,

; APPLICANT: Peter W. Bergum

; TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT

; NUMBER OF SEQUENCES: 356

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/486,399

; FILING DATE: June 5, 1995

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/326,110

; FILING DATE: October 18, 1994

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; INFORMATION FOR SEQ ID NO: 63:

; SEQUENCE CHARACTERISTICS:

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; ORIGINAL SOURCE:

; ORGANISM: Ancylostoma caninum

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QY 5 HNKCLSCNSERSYRNQACHAR-----CN--LLK-----VKECECEGEIIPRPP 48

DB 99 YKOCERKCNKELSEKDEACLSRACVCGNDGLYRDDFGNCVKEKDECDNMEIITPP 158

QY 49 RPOH 52

DB 159 ETKH 162



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Page 9

Search completed: March 1, 2001, 16:10:09  
Job time: 1212 sec

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